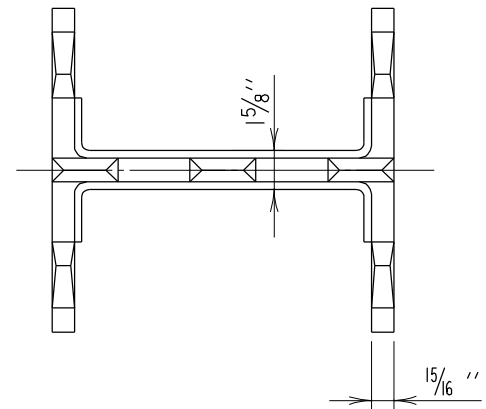
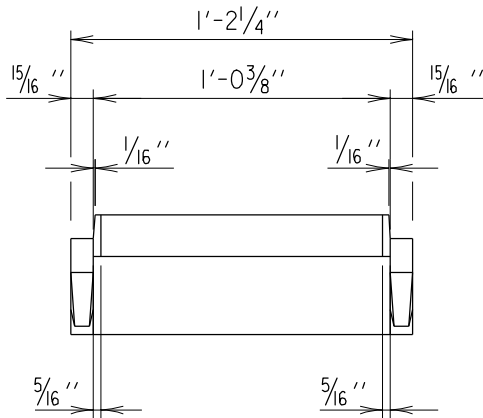


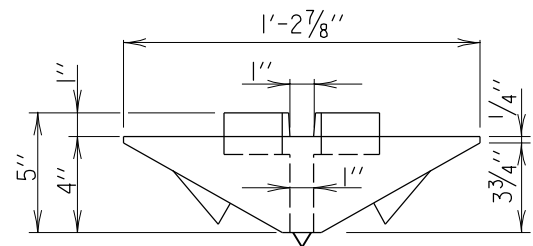
PLAN  
Scale:  $1\frac{1}{2}'' = 1'-0''$



PLAN  
Scale:  $1\frac{1}{2}'' = 1'-0''$



ELEVATION  
Scale:  $1\frac{1}{2}'' = 1'-0''$



SIDE VIEW  
Scale:  $1\frac{1}{2}'' = 1'-0''$

Size of Pile	Size of 45 Bevel	Size of Groove Weld
14 x 73	$\frac{1}{4}$	$\frac{5}{16}$
14 x 89	$\frac{5}{16}$	$\frac{5}{16}$
14 x 102		
14 x 117		$\frac{7}{16}$

Note:

- Material: Cast Steel A.S.T.M. A27 65/35.  
All fillets  $\frac{3}{8}''$ .
- Point to be welded to pile with a continuous single bevel groove weld along outside face of flange. Exterior face of flange to be flame cut beveled at 45° prior to welding.
- For each shipment of points a foundry certificate verifying material meets the Specifications is required.

APPROVAL	
<i>L. S. Friedman</i> DIRECTOR	
OFFICE OF STRUCTURES	
DATE: 11/14/79	
REVISIONS	
SHA	FHWA
12-13-79	1-29-80

FHWA APPROVAL  
DATE: 1-16-80

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF STRUCTURES

TOOTHED PILE POINT FOR 14" H PILE

STANDARD NO. BR-FD(0.09)-79-89

SHEET 1 OF 1